

**Declaration and Power of Attorney
Under Patent Cooperation Treaty
35 USC §371(c)(4)**

As a below named inventor, I hereby declare that:

my residence, post office address and citizenship are as stated below next to my name; that

I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural names are named below) of the invention entitled: "STRUCTURE FOR PATTERN FORMATION METHOD FOR PATTERN FORMATION, AND APPLICATION THEREOF" described and claimed in the international application number PCT/JP98/03547 filed August 10, 1998 and as amended on _____ (if any), the specification and claims of which I have reviewed and understand and for which I solicit a patent.

I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a), and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to my international application by me or my legal representatives or assigns, except as follows:

Japanese Patent Application No. 214845/1997 filed on August 8, 1997

*to be continued on the Attached
Sheet 1'

The priority of the above applications (if any), filed within a year prior to my international application is hereby claimed under 35 USC 119. I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the patent office:

Roger W. Parkhurst, Reg. No. 25,177; Charles A. Wendel, Reg. No. 24,453; Lawrence D. Eisen, Reg. No. 41,009.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO:
PARKHURST & WENDEL, L.L.P., 1421 PRINCE STREET, SUITE 210, ALEXANDRIA, VIRGINIA 22314-2805, TELEPHONE (703) 739-0220.**

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

3. Full Name of Sole or First Inventor Hironori KOBAYASHI
- | | Given Name | Middle Initial | Family Name |
|---|---|-------------------|------------------|
| *4. Inventor's Signature | <u>Hironori</u> | | <u>Kobayashi</u> |
| Date of Signature | <u>March</u> | <u>16</u> | <u>1999</u> |
| | Month | Day | Year |
| 6. Residence | <u>Shinjuku-Ku</u> | <u>Tokyo-To</u> | <u>Japan</u> |
| | City | State or Province | Country |
| | <u>Japan</u> | | |
| 7. Citizenship | _____ | | |
| 8. Post Office address
(Insert complete mailing
address, including country) | <u>c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-
Kaga-Cho 1-Chome, Shinjuku-Ku, Tokyo-To, Japan</u> | | |

*IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE☐.

Variable	Mean		SD		t		p	
	Control	Case	Control	Case	Control	Case	Control	Case
Age	10.5	10.5	1.2	1.2	0.0	0.0	0.999	0.999
Gender	50	50	0	0	0.0	0.0	0.999	0.999
Height	140.0	140.0	10.0	10.0	0.0	0.0	0.999	0.999
Weight	30.0	30.0	5.0	5.0	0.0	0.0	0.999	0.999
IQ	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Reading	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Spelling	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Math	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Science	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
History	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Art	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Music	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Physical Education	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Health	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Emotional Stability	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Social Skills	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Academic Achievement	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Behavioral Problems	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Parental Involvement	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Teacher Satisfaction	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Student Engagement	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Classroom Management	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Instructional Quality	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
School Climate	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Community Involvement	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Parental Support	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Teacher Efficacy	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Student Motivation	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Classroom Organization	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Instructional Strategies	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
School Safety	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Community Resources	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Parental Communication	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Teacher Collaboration	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Student Leadership	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Classroom Environment	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Instructional Materials	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
School Facilities	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Community Partnerships	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Parental Training	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Teacher Professional Development	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999

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Emotional Stability	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
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Teacher Satisfaction	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Student Engagement	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Classroom Management	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Instructional Quality	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
School Climate	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
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Instructional Strategies	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
School Safety	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Community Resources	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Parental Communication	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
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Instructional Materials	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
School Facilities	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Community Partnerships	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Parental Training	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999
Teacher Professional Development	100.0	100.0	15.0	15.0	0.0	0.0	0.999	0.999

PAGE 2 OF U.S.A. DECLARATION FORM
(Discard this page in a sole inventor application)

3 Typewritten Full Name of
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Day

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Year

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*Note to Inventors: Please sign name on line 4 exactly as it appears in line 3 and insert the actual date of signing on line 5.

**This form may be executed only when attached to the first page of the Declaration and Power of Attorney form and the specification (including claims) of the application to which it pertains.

3
PAGE 2 OF U.S.A. DECLARATION FORM
(Discard this page in a sole inventor application)

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3 Typewritten Full Name of
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5 Date of Signature

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6 Residence

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8 Post Office Address
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3 Typewritten Full Name of
Joint Inventor (if any)

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5 Date of Signature

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8 Post Office Address
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3 Typewritten Full Name of
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Given Name

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Family Name

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